

Keep Encouraging Young Driver Safety (KEYS) Pilot Study:
Increasing Parental Involvement in Teenage Driving through Driver
Education

Second Quarterly Report

For the Period October 1, 2008 to December 31, 2008

MDT PROJECT # 8117-37

Submitted On behalf of Montana State University - Northern by:



Montana Traffic Education Association

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Submitted to:

Montana Department of Transportation

Research Programs

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January 26, 2009

In this KEYS pilot study, a multidisciplinary team will develop, adapt, and pilot-test parent-teen homework assignments for use with the driver education curriculum. The team includes a researcher, Dr. Jessica Hartos; state program manager/policy maker, Mr. David Huff; university professional development provider, Montana State University – Northern; state traffic education association executive secretary, Mr. Jim Carroll; and teaching practitioners, including experienced driver education instructors.

Homework assignments will utilize evidence-based strategies to increase parent involvement, which are to include parents in programmatic efforts; promote parent establishment of strict initial expectations for young driver safety; expose parents to goal-oriented persuasion; and clearly define parent roles and responsibilities by inviting parents to participate. Qualitative data will be collected from participating driver education instructors, teenagers, and parents throughout the process to capture their thoughts and feelings about parent involvement in driver education and the use of parent-teen homework assignments. Suggestions for any improvements in the process will be solicited.

Task One: Project Management - Ongoing

Determine project, staff, meeting schedules and responsibilities

October, 2008

- The second KEYS project design meeting was held on October 25 & 26, 2008.
- Project timelines and logistics were reviewed and evaluated in regards to feasibility based upon cycles of school and driver education programs.

December, 2008

- Completed the Institutional Review Board (IRB) application for expedited review and received consent form and data collection research approval from the Montana State University Institutional Review Board for the protection of human subjects.

Task Two: Design and Development of Homework Assignments - 50 % Completed

Determine number, content, and "scoring" of homework assignments

Develop, construct, and print preliminary versions of ideas, content, and instructions

October, 2008

- Competence research on knowledge and skill acquisition guided the development of the assessments and activities. The entire team reviewed, tested and commented on initial drafts of project parent/teen homework and driver assessment documents.

November, 2008

- Revised the assignments and activities to include comments from the October meeting
- The parent meeting introductory script was developed.

December, 2008

- Developed web page with Graduated Driver License information for parents and teens to encourage parents to use best practices and set limits on teen driving: www.opi.mt.gov/gdl. The Parent and Teen Driving Agreement and homework assignments will be added to the GDL web page.

Task Three: Pilot Testing of Materials - 25 % Completed

Train instructors for pilot testing materials

Collect qualitative feedback from individual parents, students and their instructors

Revise homework assignments based on feedback

October, 2008

- Staff received additional training for conducting pilot testing with individual parents and teens and collecting qualitative feedback on the materials from parents, teens, and instructors.

Task Four: Data Collection - Pending

Train instructors for pilot testing materials

Collect qualitative feedback from small classes that use homework assignments

Revise homework assignments based on feedback

Task Five: Analysis – Pending

Analyze feedback from families

Finalize electronic version of product

Task Six: Reporting – 50 % Completed

Prepare and submit quarterly and final reports

During the next quarter the following will be achieved in accordance with project timeline (see below):

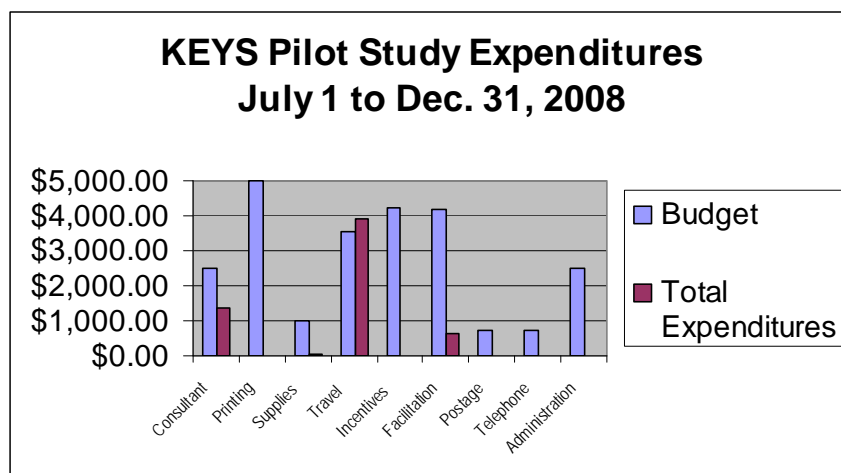
- The KEYS documents will be printed, and made available for initial pilot testing.
- Collect qualitative feedback from individual parents, students and their instructors.
- Revise homework assignments based on feedback.
- Train instructors for pilot testing materials with small classes.
- Begin collecting qualitative feedback from small classes that use homework assignments.
- Preliminary plans for introducing the project at the April 26-28, 2009 traffic education conference will be made.

Budget

The K.E.Y.S. project provides funding for staff stipends, materials, printing and other expenses based upon the following budget and narrative: The table summarizes the combine total budget for the project and shows the total expenditures through December 31, 2008

Table 1. Summary of Expenditure

Budget Category	Budgeted Funds	Spent this quarter	Total Expended	Total Remaining
Consultant	\$2500		\$1357.51	\$1,142.49
Printing	\$5000			\$5,000.00
Misc Supplies	\$1000	30.84	\$30.84	\$969.16
Travel	\$3550	1729.49	\$3,917.96	-\$367.96
Participant Incentives: Schools, instructors and parents	\$4240			\$4,240.00
Project Facilitation	\$4200	651.60	\$651.60	\$3,548.40
Postage/Delivery	\$750	1.68	\$1.68	\$748.32
Telephone/fax	\$750			\$750.00
Administrative Fees	\$2500			\$2500.00
Total	\$24,490		\$5959.59	\$18,530.41



The following Budget Decisions and Actions were conducted during this quarter:

The Montana-based research staff and advisors attended the second of two, two-day meetings: The curriculum design team met in Helena on October 25 and 26, 2008.

The \$1729.49 includes travel for six individuals on the design team, including the Project Coordinator, 2 Driver Ed Coordinators, 2 Project Advisors and 2 Teacher/Project Advisors.

The \$651.60 was half of the project facilitation for the logistics coordinator.

Respectfully submitted,

**James Carroll, K.E.Y.S. Project Coordinator
Montana Traffic Education Executive Director**

On behalf of MSU-Northern

Table 1. Timeline Implementing Montana KEYS Pilot Study

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Determine project staff	July											
Determine meeting schedules and responsibilities	July											
Determine number, content, and “scoring” of homework assignments	July 16/17	Aug rev.	Jul rev.	Oct rev.								
Develop, construct, and print preliminary versions of ideas, content, and instructions		Online Survey	Sept 10, 17, 19 Oct 10, 15	Oct 25/26								
Train instructors for pilot testing materials				Oct 25/26								
Collect qualitative feedback from individual parents, students and their instructors				x	x	x	x	x	x			
Revise homework assignments based on feedback						x	x	x	x			
Train instructors for pilot testing materials				Oct 25/26		x	x			April 26-28		
Collect qualitative feedback from small classes that use homework assignments							x	x	x			
Revise homework assignments based on feedback								x	x	x	x	x
Finalize electronic version of product											x	x
Prepare and submit final report											x	x

Cells with dates indicate that item has been addressed or completed.